



#12/Pre-C
Hawkins

3/29/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application of :
Akihiro IINO et al. :
Serial No. 09/398,639 : Group Art Unit: 2834
Filed: September 17, 1999 : Examiner: Peter M. Medley
For: PIEZOELECTRIC ACTUATOR :
AND ELECTRONIC APPARATUS :
WITH PIEZOELECTRIC :
ACTUATOR : Docket No. S004-3771

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COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

**PRELIMINARY AMENDMENT FORMING PART OF
RULE 1.53(d) CONTINUED PROSECUTION APPLICATION**

S I R:

Pursuant to 37 CFR §1.53(d), applicants
preliminarily amend their application as follows:

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IN THE SPECIFICATION:

Please replace the paragraph beginning at page 21, line 20,
with the following rewritten paragraph:

--The piezoelectric actuator 2 is substantially
comprised of a first group of six rectangular piezoelectric
elements 21a, 21b, 21c, 21d, 21e and 21f integrally arranged

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cancel'd.

in the longitudinal direction to form one rectangular element, a second group of twelve rectangular piezoelectric elements 22a, 22b, 22c, 22d, 22e, 22f, 22g, 22h, 22i, 22j, 22k and 22l integrally stacked on the top surfaces of the six piezoelectric elements 21a through 21f having a length in the longitudinal direction which is one half of that of the piezoelectric elements 21a through 21f, a third group of six piezoelectric elements 23a, 23b, 23c, 23d, 23e and 23f having the same configuration as the piezoelectric elements 21a through 21f integrally stacked on the bottom surfaces of the piezoelectric elements 21a through 21f, and a fourth group of twelve rectangular piezoelectric elements 24a, 24b, 24c, 24d, 24e, 24f, 24g, 24h, 24i, 24j, 24k and 24l having the same configuration as the piezoelectric elements 22a through 22l integrally stacked on the bottom surfaces of the six piezoelectric elements 23a through 23f. One end of the element is a fixed end, and the other is a free end.--

✓IN THE CLAIMS:

✓Cancel claims 2-4 and 21-28 without prejudice or admission and subject to applicants' right to file a continuing application to pursue the subject matter of these claims.